

## Claims:-

1. A television system (2) including a display screen (6) and a broadcast data receiver (BDR) (4) for receiving data from a broadcaster and generating audio, visual and/or auxiliary data therefrom, at least part of said data relating to television programme and/or channel information, characterised in that said television system (2) is provided with means to search and/or analyse the programme and/or channel information relating to a programme and/or channel which is selected for viewing by a user, for pre-determined criteria, and said system (2) generating an indication of pre-determined criteria being detected in the programme and/or channel information.
2. A television system according to claim 1 characterised in that the programme and/or channel information analysed is or includes the data transmitted to the BDR (4) for use in generating an EPG display.
3. A television system according to claim 1 characterised in that a search facility is provided in the BDR (4) to search and analyse the programme and/or channel information for pre-determined criteria.
4. A television system according to claim 1 characterised in that the indication (10) generated is displayed on the display screen (6).
5. A television system according to claim 1 characterised in that the indication generated is displayed on a display (12) of a remote control (14) for use with the system.

6. A television system according to claim 1 characterised in that the warning generated is an audible signal.
7. A television system according to claim 1 characterised in that the indication is repeated at pre-set time intervals during the time for which the programme and/or channel are being shown.
8. A television system according to claim 1 characterised in that the pre-determined criteria include any or any combination of key words and/or codes determined by the broadcaster and/or user or a pre-determined transmitted message and/or signal which is received, processed and identified by the BDR (4).
9. A television system according to claim 1 characterised in that user can select the pre-determined criteria by the selection of a number of key words or topics provided in a drop down menu on the display screen (6).
10. A television system according to claim 9 characterised in that the selection of pre-determined criteria is made using the EPG display.
11. A television system according to claim 1 characterised in that the user defines the pre-determined criteria by inputting one or more key words or subject matter topics into the BDR (4) via a query box on the display screen (6) using control means.
12. A television system according to claim 1 characterised in that the indication display is stored in the memory provided in or connected to the BDR (4) and

displayed on said display screen (6) when the pre-determined criteria are identified.

13. A television system according to claim 1 characterised in that the facility for displaying the indication can be switched on or off by the user as and when required.
14. A television system according to claim 1 characterised in that the indication is a warning message and/or warning signal.
15. A method of using a television system (2), said television system (2) including a display screen (6) and a broadcast data receiver (BDR) (4) for receiving data from a broadcaster and generating audio, visual and/or auxiliary data therefrom, at least part of said data relating to television programme and/or channel information, characterised in that said method includes the steps of searching and analysing programme and/or channel information relating to a programme and/or channel which is selected for viewing by a user for pre-determined criteria and, on identification of said pre-determined criteria in the programme and/or channel information, generating a visual indication for display on a display screen and/or audio indication for listening via speakers.